## What is claimed:

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- A stent comprising a tubular member having 1. 1 hoops aligned along the axis of said tubular member, each of 2 said hoops comprising a series of sinusoidal or zig-zag 3 elements including apices alternatingly pointing in opposite 4 directions along the axis of the stent with at least one apex 5 of one hoop adjoining an oppositely pointed apex of an 6 adjacent hoop and being connected there by a connecting 7 member.
- A stent according to claim 1, wherein said 1 tubular member is made from a shape memory alloy. 2
  - A stent according to claim 2, wherein said shape memory alloy is nitinol.
  - A stent according to claim 1, wherein said 4. connecting member is a suture material.
  - A stent according to claim 4, wherein said suture material is polypropylene.
  - A stent according to claim 1, wherein some of said apices of one hoop adjoin an oppositely pointed apex of an adjacent hoop and are connected thereto.
- A stent according to claim 1, wherein all said 7. 1 apices of one hoop adjoin oppositely pointed apices of an 2 adjacent hoop and are connected thereto. 3
- A stent according to claim 1, further 8. 1 comprising a tubular graft member secured to said tubular 2 member with at least one said connecting member. 3
- A stent according to claim 8, wherein said 9. 1 graft member lies within said tubular member. 2